(21°01'v 7 157°35'w wt 1600)

Location 21°19/2 7157°58'w fo 20°45'v 7157°23'w

Observer

Date | December, 1964 Time 1340 to 1748

		la	-d		D	o o ol i		48 miles
	F	bun	1	ce	Br	eedi	ng	
		00	100-1000	+	un un		50	
SPECIES	1-10	10-100	100-	1000	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross	2							h /
Wedge-tailed Shearwater		14						3 3
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	/							
White-tailed Tropicbird	1							
Masked Booby								
Brown Booby	1							
Red-footed Booby		16						
Great Frigatebird	1							
Golden Plover	,							
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		22						7.4
Gray-backed Tern								- 1
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
	3+							
Pom arin farger	5 +							
								-
1, 00 Ta		,	107	,				
Volly Tern Tropeebul Lull	6		10/					φ
(0 00	7							
July 1								
Sheawate, Petul								= 1010106
shearwater Peter								Totalburs = 179

(17°58'N7 156°59'W at 1200)

18°54'N7 156°59'W to 17°05'N7 156°59'W

Date 2 December, 1964 Time 06 45 to 1754 Location Observer Weather Abundance Breeding 100-1000 + 10-100 Eggs SPECIES Remarks Laysan Albatross Black-footed Albatross Wedge-tailed Shearwater Christmas I. Shearwater Audubon's Shearwater Bonin I. Petrel Phoenix I. Petrel Bulwer's Petrel Sooty Petrel Red-tailed Tropicbird White-tailed Tropicbird 2 Masked Booby Brown Booby Red-footed Booby Great Frigatebird Golden Plover Ruddy Turnstone Wandering Tattler Sanderling Bristle-thighed Curlew Sooty Tern Gray-backed Tern Brown-winged Tern Common Noddy Hawaiian Noddy Blue-gray Noddy Fairy Tern Shear aly Petril

140/8'N 7157000W at 1200

Location 1500427 157001 w to 13004 w 7 157000 w

Observer

Date 3 December, 1964 Time 0640 to 1800

Weather

120 m; les

Abundance Breeding

								1701:10
	1	Abun	dan	ce	Br	eed	ing	120 m; les
SPECIES	1-10	10-100	100-1000	+ 0001	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater								
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel	-	-						
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird						-tronkdtesses		
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	-							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		25						2,2
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
flack's Stom Petral	1							
le ala 1	7							
Sheamate - Po hil	7							
streamate - 12 het	/							Total Genes = 38

(10°53'w 7 155°42'w at 1200)

Location 1120'N 71560 40'W to 1024'N 7 1540 46'W

Observer

Date 4 December, 1964 Time 063 Z to 1755 Weather Abundance Breeding 100-1000 10-100 Nests **SPECIES** Remarks Laysan Albatross Black-footed Albatross Wedge-tailed Shearwater light phere Christmas I. Shearwater Audubon's Shearwater Bonin I. Petrel Phoenix I. Petrel Bulwer's Petrel Sooty Petrel Red-tailed Tropicbird White-tailed Tropicbird Masked Booby Brown Booby Red-footed Booby Great Frigatebird Golden Plover Ruddy Turnstone Wandering Tattler Sanderling Bristle-thighed Curlew Sooty Tern 19 Gray-backed Tern Brown-winged Tern Common Noddy Hawaiian Noddy Blue-gray Noddy Fairy Tern Level's Stemate Stom Petel
hirollerodena
large Plerodena
Therwate-Petel Totalbirds -

(11043'w7 153°54'w at 1200) Location 11°05'v 7 154'v 4 12°51'v 7 154°00'w

Observer

Date 5 Pecember, 1464 Time 0622 to 1749 Weather 103 miles Breeding Abundance 100-1000 Remarks SPECIES Laysan Albatross Black-footed Albatross Wedge-tailed Shearwater Christmas I. Shearwater Audubon's Shearwater Bonin I. Petrel Phoenix I. Petrel Bulwer's Petrel Sooty Petrel Red-tailed Tropicbird White-tailed Tropicbird Masked Booby Brown Booby Red-footed Booby Great Frigatebird Golden Plover Ruddy Turnstone Wandering Tattler Sanderling Bristle-thighed Curlew Sooty Tern 9 Gray-backed Tern Brown-winged Tern Common Noddy Hawaiian Noddy Blue-gray Noddy Fairy Tern Hende - bill Sheon with

Slevde-bell shearth 1

forger / look? Shear of / large Heroleon 4 20

(15°11'N -, 154°01'W at 1200)

Location 14°29'N 7 154°01'W to 16°02'N 7 15-3°58'W

Observer

Date 6 December, 1964 Time 06 2 8 to 1743 Weather Abundance Breeding 100-1000 + Eggs SPECIES Remarks Laysan Albatross Black-footed Albatross Wedge-tailed Shearwater light, home 6. Christmas I. Shearwater Audubon's Shearwater Bonin I. Petrel Phoenix I. Petrel Bulwer's Petrel Sooty Petrel Red-tailed Tropicbird 2 White-tailed Tropicbird Masked Booby Brown Booby

Red-footed Booby Great Frigatebird Golden Plover Ruddy Turnstone Wandering Tattler Sanderling Bristle-thighed Curlew Sooty Tern Gray-backed Tern Brown-winged Tern Common Noddy Hawaiian Noddy Blue-gray Noddy Fairy Tern Slevele-bill Sheavols Heroles Pelel Small & fewdom

(18°5-9'N 7 15-4°00'W at (200)

Location 18°05'N 7 15-3°58'W to 19°5-9'N 7 15-3°5-8'W

Observer

Date 7 December, 1964 Time 0635 to 1737

Weather

114 miles 11.0 Breeding Abundance 100-1000 + 10-100 Remarks SPECIES Laysan Albatross Black-footed Albatross 5 Wedge-tailed Shearwater Christmas I. Shearwater Audubon's Shearwater Bonin I. Petrel Phoenix I. Petrel Bulwer's Petrel Sooty Petrel Red-tailed Tropicbird White-tailed Tropicbird Masked Booby Brown Booby Red-footed Booby Great Frigatebird Golden Plover Ruddy Turnstone Wandering Tattler Sanderling Bristle-thighed Curlew Sooty Tern 30 Gray-backed Tern Brown-winged Tern Common Noddy Hawaiian Noddy Blue-gray Noddy Fairy Tern Slench - bill Shemats Level's Stom setul While - veel Petel Nother wa Kermorle Peter

(23°07/N 7 153°5-6'w od 1200)

22°04'~7153°56' w to 23°25'~7153°36' w Date 8 December, 1964 Time 0643 to 1726 Location

Observer

	A	bun	dan	ce	Br	eed	ing	
SPECIES	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross	7	+						
Wedge-tailed Shearwater		15						1.4
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby	2							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								0 . 0
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
	1				-			
Plander Vil Shawater	/							
Kennela Peter	/							
Remoder Peter	/							
Sur all Plerocliona Theomaty - Petil	1							
In all Plerocliona								
theory at - Pelis	1							Total beels = 30

(22°49'v 7 150°5-1'w at 1200)

Location 23°33'u 7151°00'w to 22°00'w 7151°01'w

Observer

Date 9 December, 1964 Time 0635 to 1721

	A	bun	dan	ce	Br	eed	ing	93 mile
SPECIES	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross	3							
Wedge-tailed Shearwater								63
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	2							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								λ λ
Gray-backed Tern								0,0
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Lul's Hom Petul	2							
				- Tryanganjakan daring				
						. 111		
						=		
bream ale- Petel	1							
Chean ate-Petil	2							Total bend = 13

(19001'n 7 151000 (a at 1200)

Location 15°56'N 715-1°07'N to 1803'N 7 150°57'W

Observer

Date 10 December, 1964Time 062 8 to 1729 Weather 113 miles Abundance Breeding 100-1000 + Eggs Remarks SPECIES Laysan Albatross Black-footed Albatross Wedge-tailed Shearwater Christmas I. Shearwater Audubon's Shearwater Bonin I. Petrel Phoenix I. Petrel Bulwer's Petrel Sooty Petrel Red-tailed Tropicbird White-tailed Tropicbird Masked Booby Brown Booby Red-footed Booby Great Frigatebird Golden Plover Ruddy Turnstone Wandering Tattler Sanderling Bristle-thighed Curlew Sooty Tern Gray-backed Tern Brown-winged Tern Common Noddy Hawaiian Noddy Blue-gray Noddy Fairy Tern fmall Plesolvora Large Plesolvon Cheawate, - Petel

(150,1/2 T 150°55'w at 1200)

Location / 600 y'N 7 150059 W to 14020 N 7 151001 W

Observer

Date 11 December, 196 y Time 0622 to 1737

	A	bun	dan	ce	Br	eedi	ng	
SPECIES	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	2							02
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	1							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird					-			
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling Curlous								
Bristle-thighed Curlew								
Sooty Tern			70	OF				
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern					-			
Hecalels Petul white-week Petul Lead's Stom Petul	1							
ahilo-red Peli-P	2							
Lead's Stom Petiel	6							
						-		
bird	/							
Troserbel	1							
Frace Plevoline	1							
longe steerolona Sheawate Peters	1							
She + por	1							total bed = 218

11° 31° ~ 150° 59' wat 1250 Location 12°24' ~ 7151° 00' w to 11° 11' w 7 150° 28' co Observer

Date 12 December 1964 Time 0616 to 1740 Weather Abundance Breeding 100-1000 + Eggs SPECIES Remarks Laysan Albatross Black-footed Albatross Wedge-tailed Shearwater Christmas I. Shearwater Audubon's Shearwater Bonin I. Petrel Phoenix I. Petrel Bulwer's Petrel Sooty Petrel Red-tailed Tropicbird White-tailed Tropicbird Masked Booby Brown Booby Red-footed Booby Great Frigatebird Golden Plover Ruddy Turnstone Wandering Tattler Sanderling Bristle-thighed Curlew Sooty Tern Gray-backed Tern Brown-winged Tern Common Noddy Hawaiian Noddy Blue-gray Noddy Fairy Tern Ehilo-real Petil Leach's Stew Petil

total=145

1 10°04'N 7 147°58'W at 1200)

Location 10°23'0 7148°43'W to 11°06'W 7148°01'W

Observer

Date 130everby, 1464 Time 0604 to 1731

		A L	. ام		-		:	1/0 miles
	-	Abun	1	ce	Br	reed	ing	
SPECIES	1-10	10-100	100-1000	+ 0000	Nests	SDDE	Young	Remarks
Laysan Albatross			-					
Black-footed Albatross								
Wedge-tailed Shearwater		31						appaule all leght phere 27
Christmas I. Shearwater								Typaine at tegriffice
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		46						
Gray-backed Tern		16						a few boumation 410
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Newell of blowally	/							
Lewell's Shemaly white - Neck Peliel Leoch's Storm Ketiel	1							
Jeoch & Storn Fetie	9							
								A
								17./
								10'
		~ 1						
Shean at - Petul		21						
Strawats-Petul		13						Total budy - 118

(140,1/0 T 14705-9/w of 1200)

Location 13°02'N 7147"58'W to 15°00'N 7 147°58'W

Observer

Date 14 Decembr, 1964 Time 0606 to 1724

	1	Abun	dan	ce	Br	eed	ing	118 mils
SPECIES	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	9							2 don't Phone) = 8
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		33						
Gray-backed Tern) /						
Brown-winged Tern								
Common Noddy		-						
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	1							
flerely-bill flewar	- 1							
Perele - Old Heards Pollfooted Sheamath hite ceal Metal Leae 6's Sform Metal	/							
hite real Retur	2							
Leave I Stom Metil	5							
								•
								• 7
Ptervelone	1							
In all Pleaden	1							
Theoreal Pelis		73						
Shear at Petel		13						total 61, ds = 141

(18° 16' ~ 7 148° 02' at 1200)

Location 17°15'N T148'00'W to 19°04'N T 147°56'W

Observer

Date 15 December, 1961/Time 0614 to 1717 Weather

	I	bun	dan	ce	Br	eedi	ng	109 miles
SPECIES	-10	0-100	100-1000	+ 000	Nests	Eggs	buno	Remarks
	H	Ħ	H	H	ž	<u> </u>	7	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater								0.0
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								010
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
a hit - valletel	/							
Level's Stan Peter								
Heralelo Metal	1							
Luck's & Lan Police	1							
f. p. 7 00. #	1							9
Sooly? Sheawater Lango Plecoberra Sheawater Petal	8							
Of a solo	7							Total Condo = 19

(22°14'N7 147°58'w at 1200)

Location 21°15' u 7147' 18' u to 23°11' u 7 147° 56' w

Observer

Date/6 December, 1964 Time 0622 to 1709

Weather

122 mil Abundance Breeding 100-1000 + 10-100 Remarks SPECIES Laysan Albatross Black-footed Albatross Wedge-tailed Shearwater Christmas I. Shearwater Audubon's Shearwater Bonin I. Petrel Phoenix I. Petrel Bulwer's Petrel Sooty Petrel Red-tailed Tropicbird White-tailed Tropicbird Masked Booby Brown Booby Red-footed Booby Great Frigatebird Golden Plover Ruddy Turnstone Wandering Tattler Sanderling Bristle-thighed Curlew Sooty Tern Gray-backed Tern Brown-winged Tern Common Noddy Hawaiian Noddy Blue-gray Noddy Fairy Tern Levelis Stom Pehl 2

(26°28'N7 148°00'a at 1200)

Location 25°24'& 7147°59'w to 26°03'w7 148°44'w

Observer

Date/7 December, 1964 Time 063/ to 1787 Weather

	A	bun	dan	ce	Br	eed	ing	110 mils 6
SPECIES	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross	4							
Wedge-tailed Shearwater	-							
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover			-					
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								7) (1)
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Level's Hom Petal	9							
Small Herodona	7							Total lenge = 15

(25°04'N7 /51°09'Wat12ve)

Location 25° 04'N 7 151°06'W to 24°59'N 7 153°12'W

Observer

Date/8 December, 1964 Time 0643 to 1727

	A	bun	dan	ce	Br	eed	ing	
SPECIES	1-10	10-100	100-1000	+ 0001	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross		18	+					
Wedge-tailed Shearwater	- 1							0 - 1
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird						····		
White-tailed Tropicbird	1							
Masked Booby	/							
Brown Booby								
Red-footed Booby								
Great Frigatebird	1							
Golden Plover	/							
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0.0
Gray-backed Tern								
Brown-winged Tern								
		**						
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Look's Stom Petel	5							
Level's Stom Petel flerder bell Shewale Kenn vole Peter O	2							
Kemala Behil	2							light plant
longe Pterochoma	2							total been = 30

(24°5-9'e T 156°55 (uat 1200)

Location 24057'0 7155048'W to 24012'N 7157000'W

Observer

Date 19 December, 1964 Time 6703 to 1743

Weather

		bun	4		D.	eed	ina	107 mils
	A		1	1	DI	leed	1	
SPECIES	1-10	10-100	100-1000	+ 0001	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross		10						
Wedge-tailed Shearwater	7							0.9
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	5							
Masked Booby								
Brown Booby								
Red-footed Booby	3							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								0 , 0
Brown-winged Tern								
Common Noddy					-			
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
	7							
Wevell's Sheamales Kernocle Petel Level's Storm Petel	1							
verell's Shearale	3							
Kernoche Pehr	2							Leg 18 8 1
Jevely's Stermfeld								
Storm Peters	1							
Trepubl	3							
Tem								
freel V'terochoren	2							
largo Merochonia	2							
Shear ate - Pelis	7							Total buch = 50

(21°36'e 7 157°22'w at 1000)

Location 22°00'N 7157002'W to 21014N 71570 49'W

Observer

Date 20 December 1964 Time 0702 to 1330

				and the second second				68 mils
	A	bun	dan	ce	Br	eedi	ng	
SPECIES	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross		10	F					
Wedge-tailed Shearwater	3							0.5
Christmas I. Shearwater	1							
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby		57						
Great Frigatebird	2	, ,						
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		81						12.5
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Olevely- bell Sheawaly	/							
Pomarin, forgen	5+							
	0							
Voilely Tem	2							
loge & terodorn Shearath-Behil	3							
Chemist - Pol-0	3							totalbers = 163